



Crop Weather Report

Issue: 08-14
Issued: Weekly: Apr-Oct
Monthly: Nov-Mar

Montana Field Office · 10 W 15th St, Suite 3100 · Helena, MT 59626
(406) 441-1240 · (406) 441-1250 FAX · www.nass.usda.gov/mt

Released: June 16, 2008
For the Week Ending:
June 15, 2008

Weather Summary

Most of Montana received above normal precipitation for the week ending June 15th. Lewistown had the highest accumulated moisture at 2.65 inches. Bozeman, Great Falls, and Missoula had record high snowfalls on June 11th of 0.9, 6.8, and 0.2 inches, respectively. Temperatures were below normal for the time period. Billings and Hardin shared the high temperature of 81 degrees, and Wisdom had the low temperature of 26 degrees. Topsoil moisture adequate and surplus, at 86 percent, is unchanged from last week, below last year's 88 percent, and above the five-year average of 83 percent. Subsoil moisture adequate and surplus is 64 percent, above last week's 62 percent, below last year's 81 percent, and the same as the five-year average. The number of days suitable for field work was only 2.3 days.

The weather outlook for June 23rd through June 29th is for above normal temperatures and below normal precipitation both east and west of the continental divide. Normal temperatures for this period in Montana are highs in the upper 60s to 80 degrees and lows in the mid 30s to the mid 50s.

Soil Moisture & Field Work Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	5	4	1	4
Short	9	10	11	13
Adequate	74	80	70	71
Surplus	12	6	18	12
Subsoil Moisture				
Very Short	11	11	1	11
Short	25	27	18	25
Adequate	59	59	70	59
Surplus	5	3	11	5
Days Suitable for Fieldwork				
Days	2.3	3.2	5.0	4.1

Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
Planted				
Oats	94	93	99	99
Emerged				
Durum Wheat	99	93	90	86
Oats	91	81	99	97
Spring Wheat	99	95	100	99
Dry Peas	99	92	100	n/a
Corn	96	88	98	96
Boot Stage				
Barley	16	4	40	25
Durum Wheat	14	2	20	10
Oats	22	8	41	25
Spring Wheat	14	6	39	20
Winter Wheat	63	38	93	89
Headed				
Winter Wheat	16	n/a	57	51
Blooming				
Dry Peas	4	2	29	n/a
Lentils	2	1	19	n/a
Hay First Cutting				
Alfalfa	2	n/a	10	9

Field Crops Report

A few storms swept through the state last week bringing snow and hail. Those areas affected by storms also suffered from a slight freeze, but producers are unsure of the damage yet. Barley, oats, and spring wheat conditions declined, while durum wheat and winter wheat conditions improved. The rainfall has helped the winter wheat crop. Some producers will need to wait a few weeks now before seeding their last crops as some areas are still too wet.

Crop Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Barley				
Very Poor	1	1	0	0
Poor	3	1	3	3
Fair	30	27	17	24
Good	56	65	58	55
Excellent	10	6	22	18
Durum Wheat				
Very Poor	2	4	0	1
Poor	8	16	0	5
Fair	55	46	16	23
Good	29	27	67	58
Excellent	6	7	17	13
Oats				
Very Poor	3	2	0	1
Poor	4	4	1	4
Fair	47	43	14	23
Good	42	46	71	59
Excellent	4	5	14	13
Spring Wheat				
Very Poor	2	2	1	1
Poor	4	4	3	3
Fair	41	38	13	24
Good	44	51	66	60
Excellent	9	5	17	12
Winter Wheat				
Very Poor	2	2	1	2
Poor	11	12	3	7
Fair	47	49	21	29
Good	29	30	45	42
Excellent	11	7	30	20

Livestock Report

Range and pasture feed condition improved from the previous week, but is still below last year and the five-year average.

Range & Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Range and Pasture Feed Condition				
Very Poor	5	3	0	4
Poor	13	15	4	11
Fair	30	36	20	29
Good	37	37	47	39
Excellent	15	9	29	17
Moved to Summer Ranges				
Cattle & Calves	92	89	94	92
Sheep & Lambs	93	91	89	89

Weather Information for the Week ending 06/15/2008

Station ID						Precipitation							
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	LOW	AVG	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
NORTHWEST													
Alberton	75	33	49	14	-53	2.42	+2.00	5.05	+1.04	126	14.33	+4.56	147
Anaconda	73	31	48	13	-39	0.69	+0.22	5.14	+1.06	126	11.61	+3.10	136
Clinton	74	31	47	10	-33	0.75	+0.33	5.66	+1.85	149	14.21	+2.88	125
Corvallis	77	33	51	26	-44	0.48	+0.06	2.33	-1.32	64	6.66	-1.26	84
Creston	73	32	50	23	-34	1.59	+0.89	6.06	+0.26	104	9.88	-4.17	70
Deer Lodge	70	32	47	10	-33	0.66	+0.28	3.81	+0.32	109	6.21	+0.28	105
Drummond	75	28	48	8	-51	0.53	+0.11	4.67	+0.78	120	9.41	+0.99	112
Hamilton	72	37	51	21	-44	0.00	-0.41	2.62	-1.10	70	5.97	-0.66	90
Kalispell	73	34	50	22	-30	1.17	+0.61	4.14	-0.37	92	9.22	-3.11	75
Missoula	75	33	51	21	-46	1.46	+1.04	4.18	+0.17	104	8.91	-0.86	91
Olney	71	31	46	6	-37	1.12	+0.47	3.57	-1.54	70	16.29	-0.66	96
Polson	71	31	50	27	-46	1.72	+1.20	5.73	+0.87	118	10.04	-1.28	89
St Ignatius	73	32	51	30	-44	2.37	+1.81	6.48	+1.17	122	10.53	-1.02	91
Seeley Lake	75	29	49	19	-27	1.00	+0.46	3.73	-0.54	87	14.40	-1.43	91
Sula	73	30	47	5	-31	1.53	+0.98	5.57	+0.59	112	11.33	+0.24	102
Superior	77	31	51	21	-57	1.88	+1.46	4.95	+0.93	123	14.08	+1.71	114
Swan Lake	72	32	47	10	-33	1.60	+0.91	6.03	+0.24	104	22.64	+0.28	101
Thompson Falls	78	35	52	29	-56	1.15	+0.61	4.44	-0.55	89	20.60	+2.08	111
West Glacier	72	32	50	18	-35	1.10	+0.32	6.95	+0.79	113	25.13	+3.35	115
NORTH CENTRAL													
Chester	71	35	54	28	-46	1.73	+1.17	6.32	+2.62	171	7.95	+1.85	130
Chinook	74	37	53	26	-68	2.24	+1.68	7.88	+3.34	174	10.11	+2.49	133
Choteau	71	32	49	12	-61	1.21	+0.69	7.17	+3.22	182	9.53	+3.80	166
Cut Bank	70	34	50	13	-37	1.75	+1.14	7.74	+3.22	171	8.67	+1.69	124
Ft Assinniboine	73	39	53	23	-70	1.98	+1.42	6.92	+2.49	156	8.60	+0.92	112
Fort Benton	75	36	53	28	-67	1.41	+0.80	7.98	+3.08	163	10.49	+1.91	122
Goldbutte	71	33	51	20	-40	1.22	+0.57	7.50	+2.78	159	9.78	+1.91	124
Harlem	73	31	54	38	-53	2.60	+2.08	5.84	+1.94	150	7.30	+0.93	115
Havre	73	39	53	24	-61	1.83	+1.40	5.36	+1.61	143	6.84	-0.04	99
Malta	72	39	55	38	-56	1.70	+1.07	6.16	+1.60	135	9.83	+2.30	131
Rudyard	72	34	51	20	-54	2.58	+2.09	8.24	+4.42	216	8.93	+3.27	158
Shelby	71	35	51	20	-44	1.52	+0.96	6.89	+2.42	154	8.18	+0.75	110
Turner	71	38	52	23	-57	2.01	+1.38	6.81	+3.13	185	8.03	+2.09	135
Valier	68	34	50	16	-53	1.21	+0.56	7.17	+2.53	155	9.19	+2.22	132
NORTHEAST													
Bredette	71	38	53	26	-69	1.17	+0.53	3.96	-0.16	96	6.75	+0.20	103
Culbertson	76	39	55	40	-66	0.82	+0.15	2.52	-1.94	57	4.74	-2.42	66
Glasgow	71	41	52	19	-79	1.37	+0.81	6.24	+2.60	171	8.55	+2.34	138
Glendive	77	44	57	50	-63	0.41	-0.22	5.32	+0.72	116	7.13	-0.70	91
Jordan	73	37	53	25	-79	1.54	+0.98	6.41	+1.98	145	9.77	+2.01	126
Nashua	73	41	56	43	-73	0.97	+0.48	6.08	+2.25	159	8.15	+2.02	133
Opheim	69	36	51	22	-52	2.12	+1.47	5.23	+1.10	127	7.47	+1.20	119
Plentywood	70	39	54	36	-65	1.18	+0.54	3.66	-0.44	89	5.81	-1.07	84
St Marie	67	39	52	21	-77	0.91	+0.35	4.64	+1.00	127	6.65	+0.44	107
Scobey	69	41	53	28	-59	1.23	+0.49	5.23	+1.10	127	8.16	+1.75	127
Sidney	76	40	55	40	-71	0.96	+0.28	3.82	-0.74	84	5.60	-2.45	70
Wolf Point	73	40	53	26	-85	1.53	+0.90	4.82	+1.01	127	6.31	-0.16	98
CENTRAL													
Cascade	69	32	48	10	-36	1.29	+0.68	9.05	+3.75	171	13.65	+4.81	154
Grass Range	72	31	52	28	-45	0.55	-0.13	10.69	+4.61	176	14.65	+4.27	141
Great Falls	73	32	51	20	-47	1.47	+0.91	7.50	+2.30	144	10.33	+0.70	107
Harlowton	73	31	51	21	-48	1.98	+1.30	9.29	+4.30	186	13.44	+5.07	161
Helena	76	39	53	28	-47	0.84	+0.42	4.70	+1.02	128	7.24	+0.41	106
Lewistown	69	31	48	15	-41	2.65	+1.95	9.41	+3.50	159	12.13	+0.93	108
Martinsdale	74	31	49	13	-33	0.44	-0.11	6.54	+1.90	141	10.03	+2.05	126
Neihart	69	28	45	3	-43	1.98	+1.17	10.76	+3.59	150	17.93	+4.34	132
Rogers Pass	72	32	49	16	-37	1.16	+0.53	8.28	+1.92	130	11.83	+0.25	102
Roundup	80	32	56	47	-50	0.70	+0.21	7.38	+2.57	153	10.03	+1.93	124
Ryegate	73	27	49	19	-48	0.86	+0.30	7.02	+2.77	165	10.06	+2.61	135
Stanford	70	31	49	19	-48	1.82	+1.12	8.48	+2.54	143	12.08	+1.66	116
Townsend	73	34	52	19	-57	0.53	+0.04	4.11	+0.57	116	6.30	+0.27	104
Valentine	73	33	52	23	-60	1.41	+0.99	8.61	+3.62	173	11.30	+2.89	134
Wht Sulphur Spr	68	30	46	8	-42	0.88	+0.34	5.55	+0.85	118	9.22	+0.90	111
SOUTHWEST													
Boulder	72	32	48	11	-42	0.42	-0.05	4.19	+0.36	109	6.86	+0.19	103
Bozeman	74	32	50	19	-47	1.19	+0.49	9.96	+3.06	144	18.53	+5.13	138
Butte	70	30	45	4	-38	0.43	-0.06	4.64	+0.48	112	6.82	-1.12	86
Dillon	76	33	49	12	-47	0.01	-0.41	3.08	-0.66	82	6.01	+0.03	101
Ennis	76	29	47	9	-48	0.46	-0.10	5.79	+1.05	122	10.91	+2.25	126
Lakeview	75	32	50	14	-12	0.46	-0.17	5.30	-0.30	95	12.83	-0.16	99
W Yellowstone	73	30	46	7	-18	0.78	+0.27	6.26	+1.38	128	17.96	+1.87	112
Wisdom	76	26	45	8	-18	0.32	-0.10	4.25	+0.63	117	9.95	+2.26	129
SOUTH CENTRAL													
Billings	81	34	57	50	-53	0.04	-0.41	5.31	+0.05	101	9.27	-1.23	88
Cooke City	74	31	50	17	+3	0.63	-0.07	5.59	-0.42	93	10.91	-7.12	61
Gardiner	79	30	52	29	-48	0.05	-0.28	1.73	-1.35	56	5.55	-0.72	89
Hardin	81	35	58	59	-51	0.10	-0.32	6.15	+1.87	144	9.07	+0.77	109
Huntley	78	31	55	38	-53	0.11	-0.32	6.21	+1.22	124	10.15	+0.75	108
Hysham	77	38	57	53	-52	0.49	+0.04	7.17	+2.27	146	10.24	+1.40	116
Joliet	78	27	52	27	-58	0.00	-0.41	6.25	+0.30	105	10.39	-1.14	90
Livingston	76	33	51	22	-47	0.34	-0.26	6.79	+1.00	117	10.47	+0.17	102
Nye	74	33	52	25	-35	0.22	-0.49	9.86	+3.09	146	15.06	+2.97	125
Rapelje	76	30	54	35	-44	0.18	-0.26	6.70	+1.29	124	10.26	+0.13	101
SOUTHEAST													
Albion	76	38	54	31	-53	1.22	+0.53	13.29	+7.61	234	16.14	+7.39	184
Baker	75	41	52	20	-78	0.85	+0.28	7.06	+2.09	142	8.32	-0.70	92
Broadus	80	41	59	63	-40	0.22	-0.28	10.28	+5.24	204	12.25	+3.07	133
Ekalaka	73	40	53	27	-68	0.85	+0.08	10.61	+4.37	170	13.30	+2.16	119
Miles City	79	44	56	45	-69	0.86	+0.27	5.61	+0.71	114	6.23	-2.22	74
Plevna	76	41	54	31	-67	0.79	+0.22	7.04	+2.07	142	8.64	-0.38	96
Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1970-2000. GDD-Growing degree days													